

Work Order ID 117322

June-16-14 10:54:54 AM

\*117322\*

Page 1

Item ID: D4866-1 Accept \*N900040100\* Setup Start \*NS1\*  
 Revision ID: Stop \*NS2\*  
 Item Name: Strut  
 Start Date: 6/16/14 Start Qty: 2.00 \*2\* Cust Item ID:  
 Required Date: 6/16/14 Req'd Qty: 2.00 \*2\* Customer:  
 Reference: PART MARKING - *Rework*

Approvals: Process Plan: *MLJ* Date: *14-06-16* Tooling: Date: Run Start \*NR1\*  
 QC: Date: SPC (Y/N): Date: Stop \*NR2\*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
D4866	REV A

105 0.00  
 \*105\*  
 Purchasing  
 Purchasing

Memo  
 PULL FROM STK:  
 2 X D4866-1 B116529  
 SEND TO P & L PRINTING FOR PART MARKING  
 PO *24622*

*CL 14/06/17*

115 0.00  
 \*115\*  
 Packaging  
 Packaging

Receive & Inspect for Damage & Mat'l Certs 0.00  
 Memo 0.00

*P-14/6/14*

118 0.00  
 \*118\*  
 QC  
 Quality Control

QC6- Inspect dimensions to drawing 0.00  
 Memo 0.00

*SMB*  
*14/6/14*

POSITIVE RECALL  
 EFFECTIVE *14-06-19* AUTH *pts*  
 BASED *14-06-19* DATE *14-06-19*

Work Order ID 117322

\*117322\*

Page 2

June-16-14 10:54:54 AM

Item ID: D4866-1

Accept

\*N900040100\*

Setup Start

\*NS1\*

Revision ID:

Stop

\*NS2\*

Item Name: Strut

Start Date: 6/16/14 Start Qty: 2.00

\*2\*

Cust Item ID:

Required Date: 6/16/14 Req'd Qty: 2.00

\*2\*

Customer:

Reference: PART MARKING

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

\*NR1\*

QC:

Date:

SPC (Y/N):

Date:

Stop

\*NR2\*

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

125

Identify as per dwg & Stock Location:

0.00

\*125\*

Packaging

Memo

Assy 116527

0.00

Packaging

RE-IDENTIFY USING NEW B/N

2X

DAS  
28  
9-89

JUN 20 2014

170

QC21- Final Inspection - Work Order Release

0.00

\*170\*

QC

Memo

0.00

Quality Control

14/6/23

14.6.20

# Picklist Print

June-16-14 10:54:54 AM

Page 1

Work Order ID: 117322

\*117322\*

Parent Item: D4866-1

\*D4866-1\*

Parent Item Name: Strut

Start Date: 6/16/14

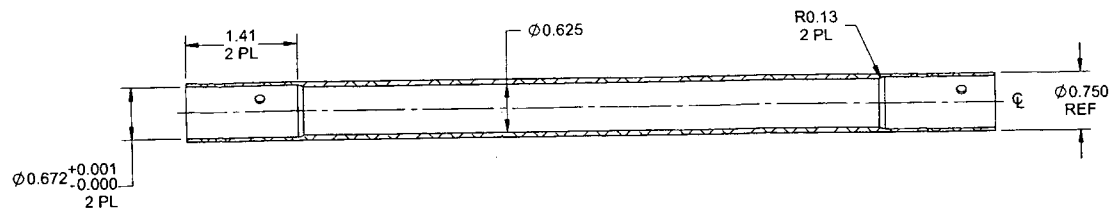
Required Date: 6/16/14

Start Qty: 2.00

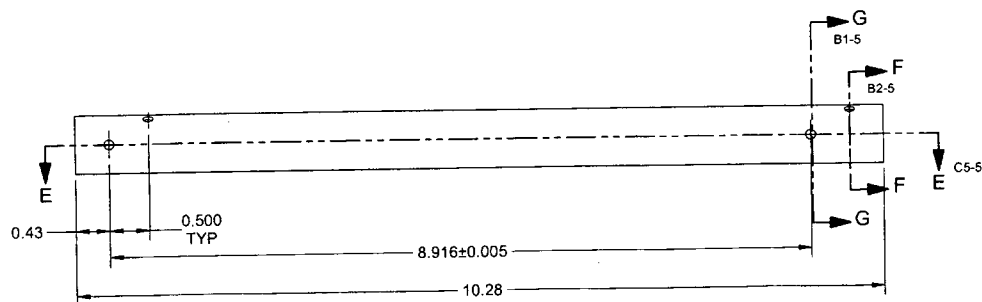
Required Qty: 2.00

Comments: IPP REV:A NEW ISSUE 14-01-14 JLM VERIFIED BY:DD

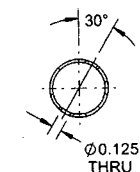
Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D4866-1 Strut		Manufactured	No				Each	0.0000		2			
*D4866-1*									**	116529 1/2			



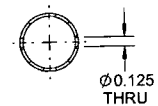
**SECTION E-E** B3-5



**D4866-1 STRUT**



**SECTION F-F** C4-5  
2 PL



**SECTION G-G** C4-5  
2 PL

SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 117322 MLJ  
14-06-16

**NOTES:**

- 1) MATERIAL: 17-4 PH/S17400/TYPE 630 SS ROUND BAR, H900 CONDITION  
PER AMS 5643/ASTM A564  
DART SPEC M17-4-R
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.36 lbs
- 8) LIQUID PENETRANT INSPECT PER QSI 038 6.1.1 (ASTM E1417 LEVEL 2)

APPROVED

DESIGN	RF	<b>DART AEROSPACE LTD</b>	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	HS	DRAWING NO.	REV. A
MFG. APPR.	JLM	D4866	SHEET 5 OF 6
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	LEG ASSEMBLY	NTS
DATE	13.12.15	<small>COPYRIGHT © 2013 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	



19226 Airport Road  
Summerstown, ON  
K0C 2E0 Canada

Tel. 613-931-1241  
Fax 613-931-2560  
plprinting@bellnet.ca

# PACKING SLIP

**SOLD TO**

DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**SHIPPED TO**

DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**P.O NUMBER** PO24622

ITEM DESCRIPTION	QUANTITY	COMMENTS
D4880-042 LEG ASSEMBLY	1	ALL ITEMS HAVE BEEN LASER MARKED
D4881-041 LEG ASSEMBLY	1	
D4881-042 LEG ASSEMBLY	1	
D4882-041 LEG ASSEMBLY	2	
D4880-041 LEG ASSEMBLY	1	
D4803-1 STRUT	1	
D4871-3 END FITTING EYE	11	
D4866-2 STRUT	2	
D4882-1 STRUT	3	
D4866-1 STRUT	2	
D4928-1 STRUT	4	
D4807-041 SUPPORT ASSEMBLY	2	
D4878-1 STRUT	1	
D4867-1 STRUT	4	
D4868-1 STRUT	4	
D4884-1 END FITTING EYE	8	
D4884-3 END FITTING EYE	5	
D4801-1 STRUT	1	
D4804-1 STRUT	2	
D4806-1 CLEVIS	2	
D4806-3 STUD	8	
D4879-1 STRUT	2	

DQA: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order update only ☐

Work Order: _____  Part No. _____  NCR No. _____	<b>DISPOSITION</b>  Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	<b>AGAINST DEPARTMENT/PROCESS</b>  <table style="width: 100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design <input type="checkbox"/>									
Doc/Data <input type="checkbox"/>									
Equip/Tooling <input type="checkbox"/>									
Handling/Pre <input type="checkbox"/>									
Material <input type="checkbox"/>									
Operator <input type="checkbox"/>									
Offset/Setup <input type="checkbox"/>									
Process <input type="checkbox"/>									
Supplier <input type="checkbox"/>									
Training <input type="checkbox"/>									
Transport <input type="checkbox"/>									
Unapproved <input type="checkbox"/>									

### FAULT CATEGORY

<b>Landing Gear</b> <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	<b>General</b> <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence	<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge  <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other
--	--	---	--